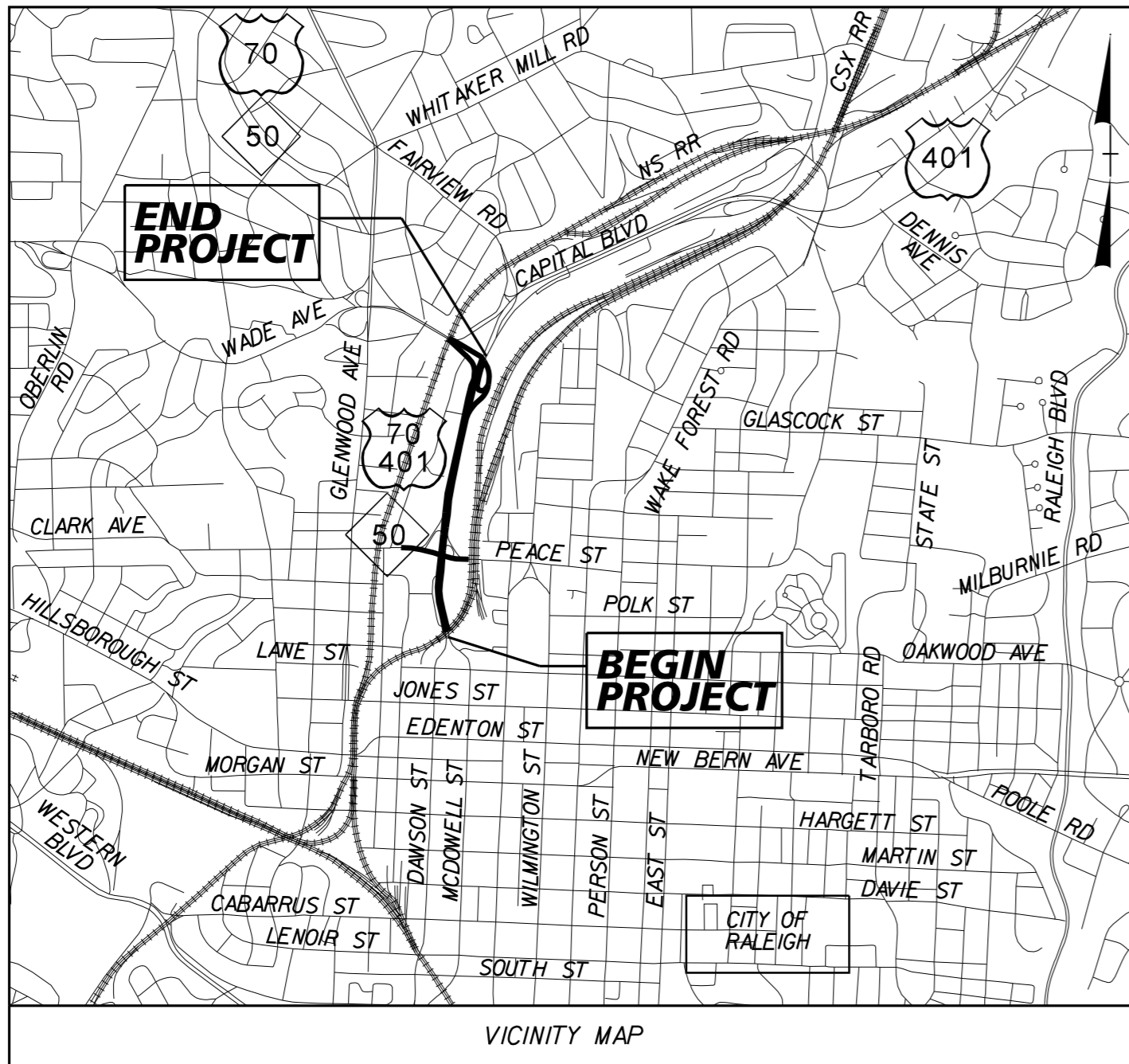


**TIP PROJECT: B-5121 / B-5317**

**CONTRACT: C203751**

SEE SHEET 1A FOR INDEX OF SHEETS  
SEE SHEET 1B FOR CONVENTIONAL PLAN SHEET SYMBOLS

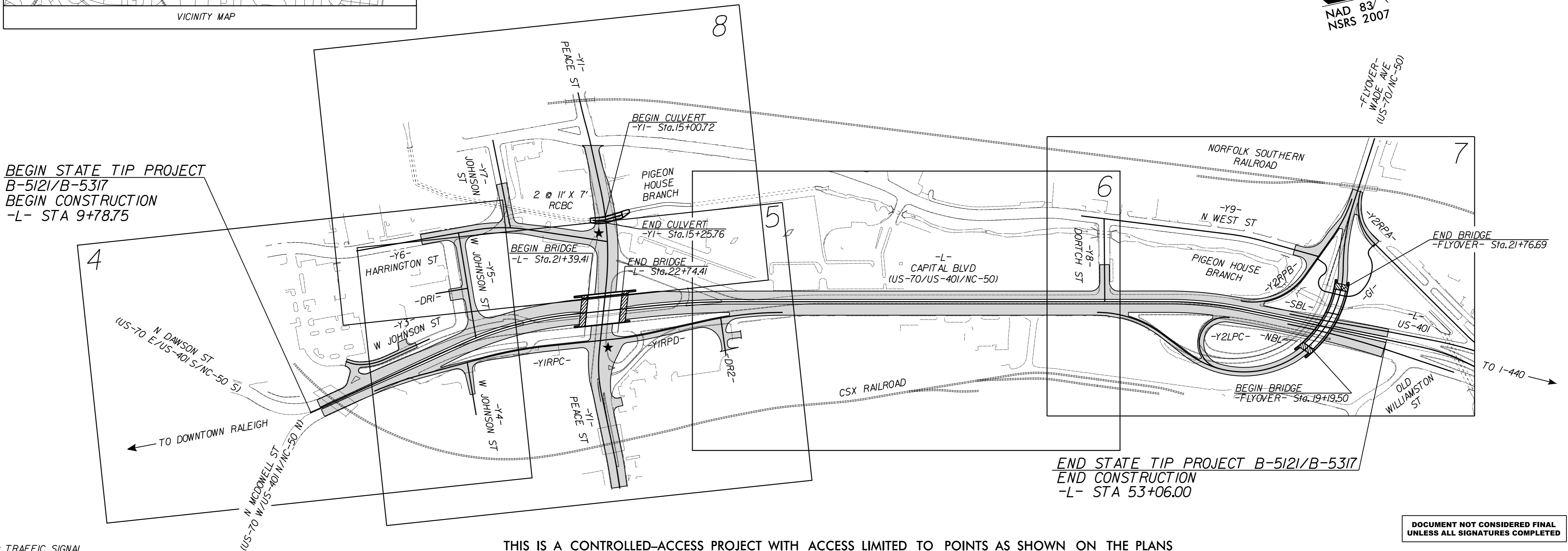


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**WAKE COUNTY**

**LOCATION: BRIDGE NO. 227 ON US-70/US-401/NC-50 (CAPITAL BOULEVARD) OVER PEACE STREET  
AND BRIDGE NO. 213 ON US-70/NC-50 (WADE AVENUE) OVER US 401 (CAPITAL BOULEVARD)**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERT, SIGNALS, AND SIGNING**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	<b>B-5121/B-5317</b>	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42263.1.1	BRNHS-0070(119)	P.E. (B-5121)	
46031.1.1	BRSTP-0070(149)	P.E. (B-5317)	
42263.2.1	BRNHS-0070(119)	R/W (B-5121B-5317)	
42263.2.U1	BRNHS-0070(119)	UTL (B-5121B-5317)	
42263.3.1	BRNHS-0070(119)	CONST (B-5121B-5317)	



BEGIN STATE TIP PROJECT  
B-5121/B-5317  
BEGIN CONSTRUCTION  
-L- STA 9+78.75

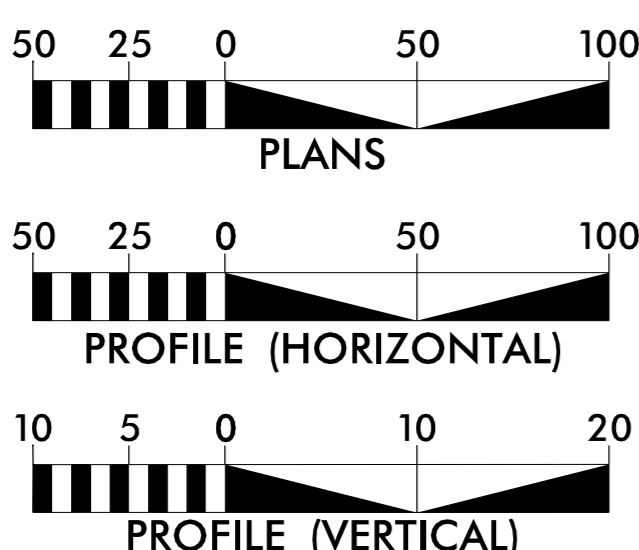
END STATE TIP PROJECT B-5121/B-5317  
END CONSTRUCTION  
-L- STA 53+06.00

THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS LIMITED TO POINTS AS SHOWN ON THE PLANS

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

★ TRAFFIC SIGNAL

**GRAPHIC SCALES**



**DESIGN DATA**

AADT 2016 = 58,083  
AADT 2036 = 70,416  
K = 10%  
D = 55%  
T = 5%\*  
V = 40 MPH  
CLASSIFICATION:  
URBAN ARTERIAL  
\* 1% TTST 4% DUAL  
STATEWIDE TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5121 / B-5317 = 0.794 MILES  
LENGTH STRUCTURE TIP PROJECT B-5121 / B-5317 = 0.026 MILES  
TOTAL LENGTH TIP PROJECT B-5121 / B-5317 = 0.820 MILES

PLANS PREPARED FOR  
THE NCDOT BY:

**Kimley Horn**

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

JUNE 30, 2015

LETTING DATE:

JULY 19, 2016

**JEFFREY W. MOORE, P.E.**  
PROJECT ENGINEER

**J. JASON PACE, P.E.**  
PROJECT DESIGN ENGINEER

**REKHA PATEL, P.E.**  
PROJECT ENGINEER  
NCDOT ROADWAY DESIGN  
ENGINEERING COORDINATION SECTION

HYDRAULICS ENGINEER

**JASON D. LAYTON, P.E.**  
SIGNATURE: [Signature]

ROADWAY DESIGN ENGINEER

**JEFFREY W. MOORE, P.E.**  
SIGNATURE: [Signature]

